



Borough of Scunthorpe

---

# ANNUAL REPORT

ON THE

# HEALTH

AND

# SANITARY CONDITION

OF THE TOWN

1949



1949.

BOROUGH OF SCUNTHORPE.

(*Mayor*—ALDERMAN E. PITTWOOD).

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Public Health Committee.

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*Chairman*—ALDERMAN H. SPENCER.

*Vice-Chairman*—COUNCILLOR G. McQUADE.

ALDERMAN MRS. A. EYRE.

ALDERMAN B. HOLLAND.

COUNCILLOR C. POGSON.

COUNCILLOR A. ABEY.

COUNCILLOR MRS. V. WILMSHURST.

COUNCILLOR A. MOORE.

COUNCILLOR E. AUSTIN.

COUNCILLOR F. BENSON.

COUNCILLOR E. V. ABRAHAM.

*Ex-Officio Member of Committee—*

ALDERMAN E. PITTWOOD, *Mayor*.

# Public Health Department.

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## *Medical Officer of Health—*

S. CHILDS, M.A., M.B., CH.B., D.P.H., D.T.M. AND H., D.P.A.

## *Chief Sanitary Inspector and Director of Cleansing—*

JOSEPH GALLAGHER, M.S.I.A., M. INST. P.C., CERT. MEAT INSP. (Deceased 23/5/49).

DAVID P. NASH, M.S.I.A., CERT. MEAT. INSP.  
(Appointed 1/9/49).

## *Deputy Chief Sanitary Inspector—*

GEORGE O. ALLEN, M.S.I.A., CERT. MEAT INSP.  
(Appointed 1/9/49).

## *Sanitary Inspectors—*

MURRAY WOMBELL, M.S.I.A., CERT. MEAT INSP.

KENNETH WILLIAMS, A.R.SAN.I., M.S.I.A., CERT. MEAT INSP.  
(Commenced duty 21/11/49).

## *Pupil Sanitary Inspectors—*

JOHN MICHAEL SYKES, M.S.I.A., (October, 49).

PETER McPHUN, M.S.I.A. (October, 49) (Resigned 31/12/49)

KENNETH ARTIST, M.S.I.A. (October, 49).

## *Infectious Diseases Nurse—*

Mrs. P. M. MASTIN, S.R.N., R.F.N. (Resigned 6/12/49).

Mrs. M. FORD, S.R.N., R.F.N. (Commenced duty 9/12/49).

## *Chief Clerk—*

Mrs. JOAN E. ARTIST.

## *Clerks—*

Mrs. MARGARET READHEAD (Resigned 3/12/49).

Miss FAY NEWLOVE.

Miss HAZEL J. SHEARDOWN.

Miss CHRISTINE DAWSON (Commenced duty 5/12/49).

# INDEX

	<i>Page</i>
Bakehouses	46
Births	5, 7, 21
Bracebridge Heath Mental Hospital	10
Brigg General Hospital	10
Brumby Isolation Hospital	8, 9, 10
Cancer	27, 28, 29, 30, 31
Caravans	43
Clinics	12, 13
Comparative Statistics	19, 20, 26, 27, 28, 29, 30, 31
Deaths	5, 7, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 34, 35
Disinfections	58
Encampments	43, 44
Factories and Workplaces	56, 57
Fish Shops	46
Food and Drugs	47, 48, 49, 50, 51, 52, 53, 54
Food Poisoning	35
Horse Meat	47
Housing	39, 43, 55, 58, 59, 60
Ice Cream	54
Infant Mortality	8, 24, 25
Infectious Diseases	5, 7, 26, 32, 33, 34, 35, 36, 37
Inhabited Houses	7
Immunisations	12
Maternity Home	10
Meat and Food Inspection	46, 47, 48, 49, 50, 51, 52, 53, 54
Mental Defectives	10, 17
Meteorological Records	38
Midwives	11
Milk	49, 50, 51, 52, 53
Mortuaries	12
Nursing Association	11
Offensive Trades	11
Petroleum	16
Pneumonia	26
Poliomyelitis	34, 35
Population	7
Public Baths	12, 55
Public Conveniences	44, 65
Rodent Control	45
Salvage	45
Sanitary Inspection	43, 56, 60
Scavenging	45
Schools	14, 15, 16, 36
Sewerage	39, 40, 58
Shops Act	43
Smallpox	35
Tuberculosis	18
Unemployed	8
Vaccinations	12
Veneral Diseases	13
War Memorial Hospital	11
Water	41, 42, 55



*To the*

CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

The year 1949 is the first full year of application of the National Health Service Act and the change over has gone smoothly and successfully so far as can be seen. From the public health aspect certain points of importance emerge. Vaccinations have fallen off considerably and while 747 children under 5 years have been immunised against Diphtheria only 160 have been vaccinated. School children and small children requiring spectacles have had to wait many months before their needs could be supplied. The Schools' Dental Service has collapsed completely in the Borough.

#### **Vital Statistics.**

The population of the town has again shown an increase, this time of 930, and is now 52,030. Since this is more than the natural increase of 577 (Total Births – Total Deaths) it indicates that migration into the town continues. The birth rate at 19.64 has again dropped a little from the previous year but is above the average of 16.7 for the rest of the country. The death rate at 8.55 is slightly higher than the previous year but is lower than the average for the rest of the country at 11.7. The infant mortality rate at 44.03 is an improvement on the previous year but is still much higher than the rate for the rest of the country at 32. It is interesting to note that of 45 infants dying in the town 30 died in the Maternity Home, 9 in the War Memorial Hospital and 6 at home.

#### **Infectious Diseases.**

There has been a serious outbreak of poliomyelitis in the country which was also felt in Scunthorpe and has been more fully discussed elsewhere in the report. A smallpox scare in the town has also been noted elsewhere. Other infectious diseases have been mild in general and have been within expected limits.

Of 17 deaths from infectious diseases 11 were due to pneumonia, 2 to gastro enteritis, 2 to poliomyelitis and one each to diphtheria and cerebro-spinal fever.

There were only 5 proved cases of diphtheria out of only 21 notifications.

### General Observations.

The town continues to be very seriously overcrowded ; 411 new houses have been completed while the population has increased by 930 persons.

The water supply was overtaxed on a few occasions and parts of the town were without water for short periods during the summer. The high degree of hardness of the water is a handicap to the town in certain respects.

### Staff.

It is with the deepest regret that I have to record the sudden death of Mr. Joseph Gallagher during the year. He was for some 29 years the Chief Sanitary Inspector to the borough and his far sighted plans for the improvement of the sanitary conditions of the newly-formed urban district have steadily borne rich harvest through the years and will continue to do so for many years to come.

He has been succeeded by the previous Deputy Chief Sanitary Inspector, Mr. D. P. Nash, who has already proved himself to be an ideal man for the position and who has of course completed all the sanitary side of this Report.

It is a real pleasure for me to thank all the staff of the Health Department for their willing co-operation and to remark on the happy spirit which pervades the Department.

S. CHILDS,

*Medical Officer of Health.*



## STATISTICS BRIEFLY SUMMARISED FOR 1949.

Area of the Borough	.....	.....	.....	.....	7,895 acres
Population (Mid-Year 1949 estimate)	.....	.....	.....	.....	52,030
Number of Inhabited Houses (December, 1949 rate books)	.....	.....	.....	.....	13,919
Density of Population per acre	.....	.....	.....	.....	6.58
Rateable Value (31st March, 1949)	.....	.....	.....	.....	£303,010
Penny Rate represents	.....	.....	.....	.....	£1,238

The 1949 estimate of population given above is supplied by the Registrar General and has been used as the basis of all calculations in this report.

Birth Rate (per 1,000 population).....	.....	.....	.....	.....	19.64
(Legitimate Births—507 M. 472 F. 979)					
(Illegitimate „ 22 M. 21 F. 43)					
Death Rate (per 1,000 total population).....	.....	.....	.....	.....	8.55
Stillbirth Rate (per 1,000 total births) .....	.....	.....	.....	.....	20.55
(Total No.—Legitimate 13 M. 7 F.)					
Illegitimate — M. 1 F.)					
Infantile Death Rate (per 1,000 live births) .....	.....	.....	.....	.....	44.03
Legitimate Infant Death Rate (per 1,000 Legitimate Live Births) .....	.....	.....	.....	.....	45.96
Illegitimate Infant Death Rate (per 1,000 Illegitimate Live Births) .....	.....	.....	.....	.....	—
Puerperal Deaths—(a) Sepsis .....	.....	.....	.....	.....	—
(b) Others .....					
Deaths, all causes (M. 235 F. 210) .....	.....	.....	.....	.....	445
Deaths from Cancer (all ages) .....	.....	.....	.....	.....	74
Deaths from Measles (all ages) .....	.....	.....	.....	.....	—
Deaths from Whooping Cough (all ages) .....	.....	.....	.....	.....	—
Deaths from Diarrhoea (under 2 years of age) .....	.....	.....	.....	.....	2
Tuberculosis Death Rate (all forms) .....	.....	.....	.....	.....	.35

### BIRTHS.

The total number of live births registered during 1949 was 1022.

43 Illegitimate births were registered in 1949.

The crude birth rate for 1949 (i.e. births per 1,000 inhabitants) was 19.64.

21 Stillbirths were registered during the year.

### DEATHS.

445 deaths were registered during 1949. The crude death rate was 8.55

Page 23 gives the details of the causes of death.

### INFANT MORTALITY.

A total of 45 infants (18 males and 27 females) under 1 year of age died during 1949. None of these were illegitimate.

### MATERNAL MORTALITY.

No deaths associated with childbirth occurred during the year.

### REGISTERED UNEMPLOYED IN THE BOROUGH OF SCUNTHORPE.

The following Table gives the monthly average figure of unemployed in receipt of Unemployment Insurance Benefit.

Month, 1949	MEN		WOMEN		Total
	18 and Over	Under 18	18 and Over	Under 18	
January	26	—	37	3	66
February	25	1	32	1	59
March	21	—	36	2	59
April	18	—	26	3	47
May	12	—	18	3	33
June	8	—	16	1	25
July	7	—	11	2	20
August	10	—	11	1	22
September	5	—	11	1	17
October	10	—	13	1	24
November	10	1	20	1	32
December	7	—	36	4	47

### MEDICAL SERVICES IN THE AREA. INSTITUTIONS.

Brumby Isolation Hospital (Scunthorpe Hospital Management Committee.

The following cases have been admitted to the Brumby Isolation Hospital during the year:—

Scarlet Fever	68 cases
Diphtheria	20 „
Chickenpox and Gastro Enteritis	1 „
Gastro Enteritis	26 „
Poliomyelitis	21 „
Septic Ringworm and Scalp Abscess	1 „
Typhoid Fever	2 „
Whooping Cough and Bronchial Pneumonia	1 „
Streptococcus Infection	2 „
Whooping Cough	8 „
Measles	5 „
? Poliomyelitis ? Cerebral Tumour	1 „
Cerebro Spinal Meningitis	4 „
Meningitis	1 „
Erysipelas	2 „

Whooping Cough and Pneumonia	.....	3 cases
Influenzal Pneumonia	.....	5 "
Pneumonia	.....	1 "
Influenza	.....	2 "
Gastro Enteritis and Pneumonia	.....	2 "
Mumps and Pancreatitis	.....	1 "
Whooping Cough and Convulsions	.....	1 "
? Croup ? Whooping Cough	.....	1 "
Chickenpox	.....	1 "
Measles and Convulsions	.....	2 "
Dysentery	.....	2 "
Whooping Cough and Measles	.....	1 "
Observation	.....	3 "
? Poliomyelitis ? T.B. Meningitis	.....	1 "
Polioencephalitis	.....	1 "
Vincent's Angina	.....	1 "
Observation Polio-Meningitis	.....	1 "
Food Poisoning	.....	1 "
Pneumonia and Convulsions	.....	1 "
Pulmonary Tuberculosis	.....	29 "

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223

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Of these, the following cases have been re-diagnosed:—

Diphtheria proved Tonsillitis	.....	10
Laryngeal Diphtheria proved Laryngeal Croup	.....	1
Diphtheria proved Teething	.....	2
Diphtheria proved Pharyngitis	.....	1
Diphtheria proved Empyema and Enlarged Heart	.....	1 Died
Diphtheria proved Infective Hepatitis	.....	1 Died
Poliomyelitis proved Laryngeal Diphtheria	.....	1 Died
Poliomyelitis proved negative	.....	3
Poliomyelitis proved bruise of Radial Nerve	.....	1
Poliomyelitis and Cerebral Tumour proved negative	.....	1
? Poliomyelitis ? T.B. Meningitis proved Polio-encephalitis	.....	1
Observation proved Tonsillitis	.....	3
Vincent's Angina proved negative	.....	1
Scarlet Fever proved Tonsillitis	.....	4
Scarlet Fever proved Measles and Weeping Eczema	.....	1
Scarlet Fever proved Measles	.....	1
Scarlet Fever proved Pink Eye	.....	1
Streptococcus infection proved Tonsillitis	.....	1
Streptococcus infection proved Acute Rheumatism	.....	1
Typhoid Fever proved Ulcerative Colitis	.....	1
Para-typhoid proved Food Poisoning	.....	1

Dysentery proved Dietetic upset	1
Gastro Enteritis proved Teething	1
Gastro Enteritis proved Pneumonia	1
Gastro Enteritis proved Dietetic Diarrhœa	1
Gastro Enteritis proved Teething and Dietetic Upset	1
Erysipelas proved Herpes Zoster	1
Whooping Cough and Bronchial Pneumonia proved Bronchial Pneumonia	1
Whooping Cough and Pneumonia proved Pneumonia	1
Whooping Cough and Pneumonia proved Whooping Cough	1
Whooping Cough proved Whooping Cough and Gastro Enteritis	1
Whooping Cough proved Bronchial Pneumonia	1
? Croup ? Whooping Cough proved Whooping Cough and Bronchitis	1
Pneumonia and Convulsions proved Whooping Cough	1
Pneumonia proved Acute Coryza	1
Influenzal Pneumonia proved Influenza	2
Acute Influenza proved Acute Primary Pneumonia Influenzal	1
Acute Enteritis and Lobar Pneumonia proved Acute Primary Pneumonia Lobar	1
Measles proved German Measles	1

#### **Scunthorpe Maternity Home (Scunthorpe Hospital Management Committee).**

During 1949 there were 987 normal confinements conducted in the Home and 185 abnormal cases of which 61 were emergencies. The number of cases admitted for ante-natal supervision was 187. A total of 1,285 cases was admitted during the year.

Out of the normal and abnormal confinements there are 1,160 live births as the figures include 12 sets of twins and 2 sets of triplets, counted as one confinement respectively.

The number of beds provided at this Institution is 52.

#### **General Hospital, Brigg (Sheffield Regional Hospital Board).**

During the twelve months ending 31st December, 1949, 69 patients have been admitted from Scunthorpe.

#### **Bracebridge Heath Mental Hospital.**

Out-patient Psychiatric Clinics have been held twice monthly throughout the year and have been well attended.

## Scunthorpe and District War Memorial Hospital, Cliff Gardens.

This is a General Hospital which has the following Departments:—

Medical	Radiotherapy
Surgical	Orthopædic
Dermatological	Dental
Ophthalmic	Casualties
Ear, Nose and Throat	Gynæcological
Radiological	Pathological
Physiotherapy	Cardiological
Psychiatry	

## OTHER MEDICAL SERVICES.

### Private Medical Practitioners.

There are 24 Doctors living in the Borough engaged in Private practice.

### Ambulance Facilities.

On the coming into force of the National Health Service Act on the 5th July, 1948, the Ambulance Service was taken over by the Lindsey County Council.

### Scunthorpe Borough Nursing Association.

The following Table gives details of cases nursed and visits paid during 1949:—

#### Cases Nursed:

Midwifery	.....	.....	.....	.....	88
Maternity	.....	.....	.....	.....	168
General	.....	.....	.....	.....	998
					<hr/> 1254 <hr/>

#### Visits Paid:

Midwifery	.....	.....	.....	.....	1609
Maternity	.....	.....	.....	.....	3045
General	.....	.....	.....	.....	25948
Ante-Natal	.....	.....	.....	.....	2501
Post-Natal	.....	.....	.....	.....	197
Casual	.....	.....	.....	.....	1139
Supervision	.....	.....	.....	.....	1392
					<hr/> 35831 <hr/>

## Immunisations and Vaccinations.

*The following statistics have been included by courtesy of Dr. W. S. H. Campbell, County Medical Officer of Health.*

The following number of children were immunised in the Scunthorpe M.B. during the year 1949:—

Under 5 years of age	.....	.....	.....	747
5—14 years of age	.....	.....	.....	92
Boosters	.....	.....	.....	444

The following number of children were vaccinated in the Scunthorpe M.B. during the year 1949:—

### VACCINATIONS:

Under 1	1—4	5—14	15 or over	
1949	1945—48	1935—44	Before 1935	TOTAL
88	72	6	20	186

### RE-VACCINATIONS:

—	2	—	10	12
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## Public Mortuaries.

The War Memorial Hospital Mortuary has been used 48 times by the police during the twelve months ending 31st December, 1949.

## Public Baths.

The following attendances were recorded during 1949:—

Swimming Baths—Ordinary	.....	.....	71,653
Schools	.....	.....	16,027
Slipper Baths	.....	.....	17,631
Foam Baths	.....	.....	15

During the year 14 Clubs made use of the baths for swimming and 1 for water polo.

## CLINICS HELD DURING 1949.

### Parkinson Avenue Clinic, Scunthorpe.

The following special clinics were held during 1949:—

Ante-Natal (part of time	Sunlight
after April)	Female V.D.
Chest	Male V.D.
Dental (January only)	Eye
Infant Welfare	Orthopædic
Immunisation	Toddlers (January—April)
School	

### Ashby Clinic, Collum Lane.

Infant Welfare	Orthopædic
Toddlers (January—April)	



## VENEREAL DISEASES.

I am indebted to Dr. W. E. Orchard, V.D. Medical Officer, Special Treatment Clinic, Parkinson Avenue, Scunthorpe, for the following information:—

The following statistics show the number of new patients who attended the above clinic during the year 1949.

				Males	Females	Total
New Cases.	Early Syphilis	.....	.....	6	1	7
„ „	(in later stages)	.....	.....	1	2	3
„ „	Congenital	.....	.....	1	—	1
„ „	Gonorrhœa	.....	.....	18	7	25
N.V.	.....	.....	.....	57	20	77
				<hr/> 83	<hr/> 30	<hr/> 113

These cases are all from the Scunthorpe area.

It is obvious from the small number of females in comparison with males, 6—24, that we are still not getting to the reservoir of infection. The loss of the Lindsey County Almoner is a sad blow, though the present Sister-in-Charge is a most competent and efficient case-holder. The follow-up of cases is being prosecuted with great vigour.

It is hoped that a special V.D. Almoner for North Lincs. area will be appointed. The number of cases of non venereal infections continues to be high.

It is noteworthy that only one case of congenital syphilis attended. The taking of routine blood tests for WR and Rh factor should become the rule in all ante-natal clinics (though of course with different objects).

Only one specimen of blood need be taken at the one time. The ideal time for taking this specimen is at or about the fourth month of pregnancy.

The new times of clinic sessions are as follows:—

MALES.	Tuesday.	2 p.m.—4 p.m.
	Friday.	4-30—6-30 p.m.
FEMALES.	Tuesday.	4-30—6-30 p.m.
	Friday.	2 p.m.—4 p.m.

## SCUNTHORPE SCHOOLS, 1949.

I am indebted to Mr. C. L. Hall, Divisional Education Officer, Scunthorpe, for the following information.

This table shows the number of boys and girls in each school in the Borough during 1949.

School	No. on Roll		
	Boys	Girls	Total
Ashby Infants' County .....	153	163	316
Ashby Priory Lane Infants' County .....	92	85	177
Ashby Primary (Huts) .....	164	155	319
Ashby Secondary Modern Girls' .....	—	407	407
Ashby Junior County Mixed .....	295	293	588
Brumby Primary Boys' .....	402	—	402
Brumby Primary Girls' .....	—	358	358
Brumby Secondary Modern Boys' .....	469	—	469
Crosby Junior Mixed County .....	272	245	517
Crosby Infants' County .....	176	175	351
Doncaster Road Secondary Modern Boys' .....	401	—	401
Doncaster Road Secondary Modern Girls' .....	—	376	376
Frodingham Infants' County .....	280	240	520
Henderson Avenue Infants' County .....	260	240	500
Henderson Avenue Junior County .....	319	296	615
Santon Terrace County .....	35	25	60
Scunthorpe C. of E. Boys' .....	296	—	296
Scunthorpe C. of E. Girls' .....	—	270	270
Scunthorpe C. of E. Infants' .....	129	117	246
Scunthorpe Grammar School .....	336	327	663
Scunthorpe Technical High School .....	284	257	541



## SCHOOL MEDICAL INSPECTIONS, 1949.

I am indebted to Dr. W. S. H. Campbell, County Medical Officer of Health, County Offices, Lincoln, for the following information:—

DEFECT	Periodic Inspections		Special Inspections	
	No. of Defects		No. of Defects	
	Requiring treatment (b)	Requiring to be kept under observation but not requiring treatment	Requiring treatment	Requiring to be kept under observation but not requiring treatment
SKIN .....	11	12	—	—
EYES				
(a) Defective Vision	119	109	—	—
(b) Squint .....	9	13	—	—
(c) Other .....	5	10	—	1
EARS				
(a) Hearing .....	7	9	—	—
(b) Otitis Media .....	11	10	—	—
(c) Other .....	16	3	—	—
NOSE OR THROAT .....	93	171	—	—
SPEECH .....	3	7	—	1
CERVICAL GLANDS .....	30	51	—	—
HEART AND CIRCULATION	6	41	—	—
LUNGS .....	10	52	—	1
DEVELOPMENTAL				
(a) Hernia .....	6	3	—	—
(b) Other .....	7	29	—	—
ORTHOPÆDIC				
(a) Posture .....	4	2	—	—
(b) Flat Feet .....	94	23	1	—
(c) Other .....	39	28	—	—
NERVOUS SYSTEM				
(a) Epilepsy .....	—	2	—	—
(b) Other .....	1	—	—	—
PSYCHOLOGICAL				
(a) Development .....	—	—	5	—
(b) Stability .....	—	4	—	—
OTHER Excluding Uncleanliness and Dental	21	24	1	—

Number of Normal Children—Boys 670, Girls 556.

GROUP	Number of Children				General Condition		
	In- spec- ted	Found to require treat- ment (including cases under treatment, but excluding Dental Dis- eases, and Infestation with vermin)			A (Good)	B (Fair)	C (Poor)
		For Defective Vision (excluding Squint)	For any other condition recor- ded in column (1)	Total individual children requiring treatment			
<b>Prescribed Groups</b> <b>Entrants</b> (1st Periodic Exam. after admission to a maintained School) .....	1013	25	181	203	813	184	16
<b>Second Age Group</b> (Children in last year of attend- ance at a Prim- ary School) .....	630	64	65	125	518	98	14
<b>Third Age Group</b> (Children in last year of attend- ance at a Secon- dary School) .....	549	23	64	87	359	189	1
<b>TOTAL</b> (Prescribed Groups)	2192	112	330	415	1690	471	31
Other Periodic In- spections .....	—	—	—	—	—	—	—

Number of Supervisory Examinations  
(Children found defective at previous  
inspections and re-examined for those  
defects at this inspection. A child  
re-examined for 2 defects should be  
entered as 2 examinations)

3006

Number of  
Special  
Examinations } 22

## MENTAL DEFECTIVES.

I am indebted to Dr. W. S. H. Campbell, County Medical Officer of Health, County Offices, Lincoln, for the following information :—

Particulars of Mental Defectives from the Borough of Scunthorpe on the register of Mental Defectives on 31st December, 1949.

### A. Number of Cases 'Subject to be dealt with.'

	Male	Female	Total
1. Under Order			
In Institutions .....	11	16	27
On Licence from Institutions .....	3	1	4
Under Guardianship .....	—	—	—
On Licence from Guardianship .....	—	—	—
2. In Places of Safety .....	1	—	1
3. Under Statutory Supervision : (Of whom 5 males and 2 females are awaiting vacancies in Institutions) .....	26	14	40
4. Action not yet taken under above headings :			
(a) In Hostels of Welfare Authority or Regional Hospital Board .....	1	1	2
(b) Otherwise ascertained .....	—	—	—

### B. Number of Cases who may become 'Subject to be dealt with.'

1. In Institutions or under Guardianship dealt with under Section 3.			
(a) In regard to whom the Local Authority contributes under its permissive powers .....	1	—	1
(b) Maintained wholly by parents, relatives or others .....	—	—	—
2. Reported to the Local Authority from any reliable source but as to whom no action has been taken. (These cases are all under Voluntary Supervision)	5	14	19
3. In Institutions but not under the Mental Deficiency Acts .....	5	1	6
TOTALS	53	47	100

## BOARDED OUT CHILDREN.

Number of children in the care of Foster Parents in Scunthorpe during 1949 .....	10
Number of visits to Boarded-out Children made by the County Council's Child Life Protection Visitors during 1949 .....	21

## TUBERCULOSIS, 1949.

Age Periods		NEW CASES NOTIFIED						DEATHS			
		Pulmonary				Non-Pulmonary		Pulmonary			
		M.		F.		M.		M.		F.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0—	.....	—	—	—	—	—	—	—	—	—	—
1—	.....	3	1	1	—	—	—	—	—	—	—
5—	.....	3	—	—	—	—	—	—	—	—	—
10—	.....	2	3	—	—	—	—	—	—	—	—
15—	.....	2	2	—	1	—	—	—	—	—	—
20—	.....	—	7	—	—	—	—	—	—	—	—
25—	.....	3	2	—	—	—	3	—	—	—	—
35—	.....	3	3	—	—	3	3	1	—	—	—
45—	.....	6	2	—	—	3	—	—	—	—	—
55—	.....	4	1	—	—	2	—	—	—	—	—
65 and upwards		2	1	—	—	1	2	—	—	—	—
		28	22	1	1	9	8	1	—		

## A DECADE OF TUBERCULOSIS.

Year	NEW CASES			CASES ON BOROUGH REGISTER		DEATHS		
	Pul-	Non-Pul-	Total	Pul-	Non-Pul-	Pul-	Non-Pul-	Total
	monary	monary		monary	monary	monary	monary	
1940	51	25	76	223	93	23	6	29
1941	37	22	59	239	109	13	4	17
1942	28	12	40	216	105	15	3	18
1943	50	18	68	201	76	15	6	21
1944	43	12	55	231	84	13	3	16
1945	67	13	80	277	94	14	2	16
1946	66	11	77	307	101	26	1	27
1947	81	8	89	350	104	21	3	24
1948	54	4	58	375	106	17	1	18
1949	50	2	52	384	106	17	1	18

STATISTICS OF WHOLE DISTRICT SINCE 1921 (First Year of Complete Records).

Year	Population estimated to middle of each year	Area in Acres	Density (persons per acre)	No. of inhabited houses	BIRTHS		DEATHS			Notified Infectious Disease	Deaths from all lung diseases	Notifications of Tuberculosis	Deaths from Cancer
					No.	Rate 1,000	Under 1 year of age Per 1,000 Live Births	At all ages	Rate 1,000				
1921	27,790	7,961	3.49	5,531	906	32.60	77	86.00	308	391	62	79	18
1922	28,530	7,961	3.58	5,989	729	25.50	69	94.60	278	187	83	57	18
1923	29,420	7,961	3.69	6,048	725	24.60	55	75.80	293	523	89	104	32
1924	30,970	7,961	3.89	6,195	786	23.60	62	78.00	324	837	87	91	24
1925	31,430	7,961	3.94	6,287	743	23.60	55	74.00	274	456	73	80	24
1926	32,820	7,961	4.12	6,457	678	20.60	31	45.00	268	509	56	81	30
1927	33,050	7,895	4.18	6,731	606	18.30	47	77.00	321	797	73	83	25
1928	31,660	7,895	4.01	6,866	648	20.50	25	38.00	238	593	33	57	24
1929	31,880	7,895	4.03	7,167	651	20.40	39	60.00	350	893	73	68	29
1930	31,880	7,895	4.03	7,450	732	22.90	44	60.00	327	853	63	68	33
1931	33,990	7,895	4.30	7,548	616	18.10	51	83.00	349	431	80	65	34
1932	34,190	7,895	4.33	7,815	591	17.30	43	73.00	325	853	40	66	36
1933	34,590	7,895	4.38	8,178	553	15.90	33	59.00	359	261	56	60	36
1934	35,710	7,895	4.52	8,568	591	16.50	36	61.00	320	237	55	60	38
1935	37,710	7,895	4.70	9,671	750	20.10	38	51.00	340	597	54	53	34
1936	38,740	7,895	4.90	9,970	712	18.30	40	56.10	360	377	55	83	37
1937	40,270	7,895	5.10	10,143	812	20.20	38	46.80	394	400	69	86	47
1938	42,000	7,895	5.20	11,688	853	20.30	29	33.90	404	529	63	83	42
1939	47,000	7,895	5.95	12,310	923	19.60	47	50.90	388	311	35	75	41
1940	45,680	7,895	5.78	11,186	908	19.65	57	62.84	437	1,391	84	76	45
1941	45,840	7,895	5.80	12,450	855	18.65	37	43.07	408	1,082	61	59	44
1942	44,990	7,895	5.69	12,450	882	19.60	36	40.81	391	485	56	40	63
1943	44,830	7,895	5.69	12,450	970	21.63	46	47.42	389	866	73	68	48
1944	45,750	7,895	5.79	12,450	1,098	24.00	35	31.87	395	1,219	59	55	58
1945	46,010	7,895	5.82	12,442	968	21.04	37	38.22	404	982	73	80	53
1946	48,960	7,895	6.20	12,558	1,009	20.60	30	29.73	424	825	75	77	70
1947	50,220	7,895	6.36	12,702	1,163	23.15	35	30.09	415	1,243	64	89	54
1948	51,100	7,895	6.47	13,491	1,088	21.29	53	48.71	431	1,054	66	58	64
1949	52,030	7,895	6.58	13,919	1,022	19.64	45	44.03	445	724	60	52	74

# COMPARATIVE STATISTICS FOR THE YEAR 1949.

(The mortality rates for England and Wales refer to the whole population, but for London and the towns to civilians only).

	Rate per 1,000 Population		Annual Death-Rate per 1,000 Population								Rate per 1,000 Live Births		
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid Fevers	Smallpox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhœa and Enteritis (under 2 years)	Total Deaths under 1 year
England and Wales	16.7	0.39	11.7	0.00	0.00	Not given	Not given	0.01	0.00	0.15	Not given	3.0	32
London	18.5	0.37	12.2	0.00	—	Not given	Not given	0.01	0.00	0.11	Not given	1.7	29
126 County Boroughs and Great Towns, including London	18.7	0.47	12.5	0.00	0.00	Not given	Not given	0.02	0.00	0.15	Not given	3.8	37
148 Smaller Towns, estimated resident population 25,000 to 50,000 at Census 1931	18.0	0.40	11.6	0.00	—	Not given	Not given	0.01	0.00	0.14	Not given	2.4	30
Scunthorpe	19.6	0.40	8.55	0.00	0.00	0.00	0.00	0.00	0.02	0.04	.288	1.956	44.03



# BIRTHS IN THE BOROUGH OF SCUNTHORPE.

Year	Total Births	Rate per 1,000 of population	Rate per 1,000 of other towns of population of 25,000 to 50,000	Rate per 1,000 (England and Wales)
1940	908	19.65	15.7	14.6
1941	855	18.65	16.4	14.2
1942	882	19.60	18.4	15.8
1943	970	21.63	19.4	16.5
1944	1,098	24.00	20.9	17.6
1945	968	21.04	19.2	16.1
1946	1,009	20.60	21.3	19.1
1947	1,163	23.15	22.2	20.5
1948	1,088	21.29	19.2	17.9
1949	1,022	19.64	18.0	16.7

# DEATHS IN THE BOROUGH OF SCUNTHORPE.

Year	Total Deaths	Rate per 1,000 of population	Rate per 1,000 of other towns of population of 25,000 to 50,000	Rate per 1,000 (England and Wales)
1938	404	9.6	11.0	11.6
1939	388	8.3	11.2	12.1
1940	437	9.56	12.8	14.3
1941	408	8.90	13.0	12.9
1942	391	8.69	12.1	11.6
1943	389	8.67	12.7	12.1
1944	395	8.63	12.4	11.6
1945	404	8.78	12.3	11.4
1946	424	8.66	11.7	11.5
1947	415	8.26	11.9	12.0
1948	431	8.43	10.7	10.8
1949	445	8.55	11.6	11.7

## 1949 DEATHS—WARD DISTRIBUTION.

	Male	Female	Total
Park	21	28	49
Crosby	24	20	44
East	31	17	48
Town	26	29	55
West	24	36	60
Brumby	36	29	65
Frodingham	37	23	60
Ashby	36	28	64
	235	210	445



**REGISTRAR-GENERAL'S FIGURES FOR CAUSES  
OF DEATH DURING 1949.**

	Males	Females	Total
Cerebro-spinal Fever .....	1	—	1
Diphtheria .....	1	—	1
Tuberculosis of respiratory system .....	9	8	17
Other forms of Tuberculosis .....	1	—	1
Syphilitic Disease .....	—	1	1
Influenza .....	1	1	2
Acute Poliomyelitis .....	—	2	2
Cancer of Buc. Cav. and Oesoph. (M) Uterus (F) .....	7	2	9
Cancer of stomach and duodenum .....	4	2	6
Cancer of breast .....	—	7	7
Cancer of all other sites .....	29	23	52
Diabetes .....	—	1	1
Intra-cranial vascular lesions .....	23	35	58
Heart Disease .....	62	46	108
Other diseases of circulatory system .....	13	5	18
Bronchitis .....	19	8	27
Pneumonia .....	5	6	11
Other respiratory diseases .....	1	4	5
Ulcer of stomach or duodenum .....	4	2	6
Diarrhoea under 2 years .....	—	2	2
Appendicitis .....	1	1	2
Other digestive diseases .....	2	4	6
Nephritis .....	8	4	12
Premature birth .....	5	15	20
Congenital malformations, birth injury, infants dis. ....	11	8	19
Suicide .....	2	1	3
Road traffic accidents .....	4	1	5
Other violent causes .....	10	5	15
All other causes .....	12	16	28
	<hr/> 235	<hr/> 210	<hr/> 445 <hr/>

**DECENIUM OF INFANT MORTALITY—  
RATE PER 1,000 BIRTHS.**

Year	Scunthorpe	148 smaller towns England and Wales, population 25,000 to 50,000	England and Wales
1940	62.84	54	55
1941	43.07	56	59
1942	40.81	46	49
1943	47.42	46	49
1944	31.87	44	46
1945	38.22	43	46
1946	29.73	37	43
1947	30.09	36	41
1948	48.71	32	34
1949	44.03	30	32

**INFANT MORTALITY (WARD DISTRIBUTION), 1949.**

Ward	Males	Females	Total
Park .....	—	3	3
Crosby .....	2	1	3
East .....	3	2	5
Town .....	1	6	7
West .....	1	6	7
Brumby .....	1	2	3
Frodingham .....	6	7	13
Ashby .....	4	—	4
Total Infant Deaths	18	27	45

# ANALYSIS OF CAUSES OF INFANT DEATHS DURING 1949.

Cause of Death		Sex	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1—3 months	3—6 months	6—9 months	9—12 months	Total Deaths under 1 year
Whooping Cough	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Intra-Cranial Vas. Lesions	M.	1	—	—	—	—	1	—	—	—	—	1
	F.	1	—	—	—	—	1	—	1	—	—	2
Heart Disease	M.	—	—	—	—	—	—	—	1	—	—	1
	F.	—	—	—	—	—	—	1	—	—	—	1
Pneumonia	M.	—	—	—	—	1	1	—	1	—	—	2
	F.	—	—	—	—	—	—	—	—	1	—	1
Other Respiratory Diseases	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Gastro-Enteritis	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Premature Births	M.	4	1	—	—	—	5	—	—	—	—	5
	F.	14	—	1	—	—	15	—	—	—	—	15
Congenital Malformation	M.	5	—	—	—	—	5	—	—	—	—	5
	F.	2	—	1	—	—	3	—	—	—	—	3
Asphyxia Pallida	M.	1	—	—	—	—	1	—	—	—	—	1
	F.	2	—	—	—	—	2	—	—	—	—	2
†All Other Causes	M.	1	—	—	—	—	1	—	1	—	1	3
	F.	1	—	—	—	—	1	—	—	1	1	3
Males			12	1	—	1	14	—	3	—	1	18
Females			20	—	2	—	22	1	1	2	1	27
			32	1	2	1	36	1	4	2	2	45

†—The 6 deaths from “Other Causes” were due to:

Retropharyngeal Abscess  
 Convulsion  
 Toxæmia and Broncho Pneumonia  
 Erythroblastosis Foetalis  
 Tetany  
 Toxæmia, Colitis and Broncho Pneumonia.

Number of Infants dying at home: 6.

Number of Infants dying in Hospital: 39 (30: Maternity Home; 9 War Memorial Hospital).

# DECENIUM OF DEATHS DUE TO PNEUMONIA.

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Males	11	12	8	14	10	11	2	7	9	5
Females	13	4	8	14	5	7	6	7	8	6
TOTAL	24	16	16	28	15	18	8	14	17	11

## DEATHS DUE TO PNEUMONIA (AGE DISTRIBUTION) 1949

	Males	Females	Total
0—	2	1	3
1—	—	1	1
5—	—	—	—
10—	—	—	—
15—	—	—	—
25—	1	—	1
35—	—	—	—
45—	2	—	2
55—	—	1	1
65—	—	—	—
75—	—	2	2
85 and over	—	1	1
	5	6	11

### DEATHS FROM CANCER, 1949.

74 Deaths (40 Male, 34 Female) were registered as due to Cancer. The following Table shows the certified incidence of this disease during the past decade.

Year	Number of Deaths from Cancer	Population of Scunthorpe	Cancer Fatality Rate per 1,000 Population	Number of Deaths from All Causes	% of Death Rate due to Cancer alone
1940	45	45,680	.99	437	10.3
1941	44	45,840	.96	408	10.78
1942	63	44,990	1.4	391	16.11
1943	48	44,830	1.07	389	12.34
1944	58	45,750	1.27	395	14.68
1945	53	46,010	1.15	404	13.12
1946	70	48,960	1.43	424	16.51
1947	54	50,220	1.08	415	13.01
1948	64	51,100	1.25	431	14.85
1949	74	52,030	1.42	445	16.63

AGE AND SEX DISTRIBUTION OF DEATHS FROM CANCER DURING 1949.

Age	Cancer of Buccal Cavity and Oropharynx		Cancer of Uterus		Cancer of Stomach and Duodenum		Cancer of Breast		Cancer of Other Sites		Total		Grand Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Males and Females
0—	—	—	—	—	—	—	—	—	—	—	—	—	—
1—	—	—	—	—	—	—	—	—	—	2	—	2	2
5—	—	—	—	—	—	—	—	—	—	—	—	—	—
10—	—	—	—	—	—	—	—	—	—	—	—	—	—
15—	—	—	—	—	—	—	—	—	—	—	—	—	—
20—	—	—	—	—	—	—	—	—	—	—	—	—	—
25—	—	—	—	—	—	—	—	1	—	2	—	3	3
35—	—	—	—	—	1	—	—	—	3	1	4	1	5
45—	1	—	—	—	2	1	—	—	8	4	11	5	16
55—	1	—	—	—	—	—	—	2	7	5	8	7	15
65—	3	—	—	2	1	—	—	2	7	6	11	10	21
75—	2	—	—	—	—	—	—	2	4	2	6	4	10
85—	—	—	—	—	—	1	—	—	—	1	—	2	2
TOTAL	7	—	—	2	4	2	—	7	29	23	40	34	74

## DEATHS FROM CANCER, 1949.

The following table gives a summary of the Death Certificates issued during 1949.

<i>Sex</i>	<i>Age</i>	<i>Cause of Death and Site of Cancer</i>	<i>Occupation</i>
M	83	Extensive epithelioma of left leg complicating chronic varicose ulcer .....	Council Labourer.
M	80	Carcinoma of Colon .....	Council Labourer.
M	79	Prostate Carcinoma .....	Rolling Mill Manager.
M	77	Carcinoma of Oesophagus .....	Cold Steel Straightener.
M	75	Carcinoma of Oesophagus .....	Highways Labourer.
M	75	Epithelioma of Tongue .....	General Labourer.
M	74	Secondary carcinoma of Liver and Spine. Primary carcinoma of Prostate .....	Steelworks Pipefitter.
M	73	Carcinoma of Bladder .....	Civil Servant.
M	72	Carcinoma of Liver. Gastro-Intestinal Cancer (site unknown) .....	General Engineer.
M	71	Carcinoma of Lungs .....	Steelworks Fitter.
M	71	Carcinoma of Larynx .....	Steelworks Smelter.
M	71	Carcinoma of Lungs .....	Steelworks Air Compressor Attendant.
M	71	Carcinoma of Pelvic Colon. Secondary carcinoma of Liver	Insurance Superintendent.
M	69	Carcinoma of Tongue with secondaries in left side of neck and also in left internal jugular vein .....	Blastfurnace Labourer.
M	68	Carcinoma of Prostate .....	Tailor and Outfitter.
M	67	Carcinoma of Pharynx .....	Steel Erector.
M	66	Carcinoma of Lung .....	Coach Builder.
M	65	Secondary carcinomata of Liver and Lungs. Carcinoma of Rectum (excised) .....	Joiner (Steelworks Foreman).
M	65	Carcinoma of left Lung .....	Steelworks Labourer.
M	65	Carcinoma of Oesophagus .....	Blastfurnaceman.
M	63	Post-Cricoid Carcinoma of Oesophagus .....	Steelworks Pipefitter.
M	63	Carcinoma of Lung .....	Draper (Master).
M	62	Carcinoma of Urinary Bladder	Steelworks Rigger.

<i>Sex</i>	<i>Age</i>	<i>Cause of Death and Site of Cancer</i>	<i>Occupation</i>
M	59	Carcinoma of Bronchus .....	Steelworks Ram Driver.
M	57	Carcinoma of Liver .....	Steelworks Smelter.
M	56	Multiple secondary carcino- mata. Carcinoma of Lung .....	Mechanical Engineer.
M	53	Carcinomatosis. Carcinoma Coli (Pelvic Rectal Junc- tion) .....	Steelworks Blacksmith.
M	53	Carcinoma of Lung .....	Petroleum Distribut'g Co.
M	52	Carcinomatosis .....	Blastfurnaceman.
M	51	Carcinoma of Lung .....	Steelworks Crane Driver.
M	51	Metastases in Lungs, primary unknown .....	Steelworks Boiler and Pipe Lagger.
M	49	Carcinoma of Stomach .....	Steelw'ks Wagon Repairer.
M	49	Secondary carcinoma of Liver. Carcinoma of Stomach.....	Steelworks Pattern Maker.
M	48	Multiple Metastases in Lungs. Fibro-sarcoma of the left shoulder region .....	Slag Works Manager.
M	47	Carcinoma of Lung .....	Electrical Engineer.
M	46	Carcinoma of head of Pancreas	Chemical Works General Foreman.
M	43	General carcinomatosis. Car- cinoma of Liver .....	Steelworks Soaking Pit Heater.
M	41	Carcinoma of Bronchus .....	Steel Dresser.
M	41	Multiple secondaries. Neo- plasm of stomach .....	Steelworks Descamer.
M	39	Carcinoma of Lung .....	Newsagent.
F	96	Cancer of Colon .....	Housewife.
F	93	Carcinoma of Stomach .....	Housewife.
F	86	Carcinoma of Breast .....	Housewife.
F	84	Carcinoma of Breast .....	Housewife.
F	78	Generalised Carcinomatosis. Primary Inter-Peritoneal Carcinoma .....	Housewife.
F	78	Carcinoma of Gall Bladder.....	Housewife.
F	76	Carcinoma of Lung. Carcin- oma of Right Breast (ex- cised) .....	Housewife.
F	74	Carcinoma of Kidney .....	Housewife.
F	73	Carcinomatosis Peritoneum. Ovarian Carcinoma .....	Housewife.



<i>Sex</i>	<i>Age</i>	<i>Cause of Death and Site of Cancer</i>	<i>Occupation</i>
F	73	Generalised Carcinomatosis. Primary Carcinoma of Uterus .....	Housewife.
F	73	Carcinoma of the Right Ovary with secondaries in the Liver .....	Housewife.
F	69	Carcinoma of Rectum .....	Housewife.
F	67	Carcinoma of Right Ovary.....	Housewife.
F	66	Carcinoma of Breast with Metastases in Pelvis and Spine .....	Housewife.
F	65	Carcinoma Uteri .....	Housewife.
F	65	Secondary Carcinoma of Lung	Housewife.
F	63	Carcinoma of Gall Bladder.....	Housewife.
F	61	Carcinoma of Breast .....	Housewife.
F	60	Gastric Neoplasm .....	Housewife.
F	59	Carcinoma of Rectum .....	Housewife.
F	59	Cancer of Breast .....	Housewife.
F	58	Carcinoma of Ovary .....	Housewife.
F	58	Carcinoma of Colon .....	Housewife.
F	53	Carcinoma of Oesophagus .....	Housewife.
F	52	Carcinoma of Stomach. Ab- dominal Carcinomatosis	Housewife.
F	51	Adenocarcinoma of Rectum with Metastases .....	Housewife.
F	48	Adenocarcinoma of Liver and Peritoneum with primary in Colon .....	Housewife.
F	47	Malignant Ovarian Cyst. Meta- stases Mesenteric Glands	Housewife.
F	37	Cerebral Tumour (malignant)	Housewife.
F	34	Carcinomatosis. Primary car- cinoma unknown .....	Housewife.
F	33	Secondary carcinoma of Brain. Carcinoma of Breast .....	Housewife.
F	29	Glioma of Frontal Lobe .....	Spinster. General Clerk.
F	4	Secondary Sarcoma of Lungs and Liver. Primary Wilm's Sarcoma of left kidney .....	Child.
F	17 mth.	Malignant disease of supra renal gland .....	Child.

TOTAL MONTHLY INCIDENCE OF ALL KNOWN CASES OF INFECTIOUS DISEASES.

<i>Disease</i>	January	February	March	April	May	June	July	August	Sept.	October	Nov.	Dec.	Total
Scarlet Fever	3	2	4	—	3	4	9	7	8	19	28	29	116
Diphtheria	3	3	3	1	—	2	2	2	—	1	3	1	21
Pneumonia	24	33	8	16	3	2	—	1	—	1	4	1	93
Erysipelas	—	3	—	1	2	—	2	2	—	—	2	—	12
Puerperal Pyrexia	—	—	—	1	—	—	—	3	1	2	1	—	8
Discharging Eyes	1	—	—	—	—	—	—	—	—	—	—	—	1
Para-Typhoid Fever	—	—	—	—	—	—	—	1	—	—	—	—	1
Cerebro Spinal Fever	—	2	—	1	1	—	—	—	—	—	—	—	4
Polio-myelitis	1	—	1	—	—	—	3	3	2	3	2	—	15
Polio-encephalitis	—	—	—	—	—	—	—	1	1	2	—	—	4
Whooping Cough	16	20	33	46	42	23	20	25	7	12	11	4	259
Measles and German Measles	14	3	4	13	21	52	47	61	3	3	3	2	226
Chicken Pox	12	18	1	2	—	16	3	2	4	—	18	34	110
Mumps	—	—	7	—	2	33	16	1	—	2	—	—	61
Gastro-Enteritis	1	1	1	1	1	—	2	1	—	5	3	3	19
Food Poisoning	2	—	—	—	—	—	3	1	—	2	1	—	9
Dysentery	—	—	—	—	—	—	4	1	—	3	—	—	8
Enteric Fever	1	—	—	—	—	—	—	—	—	—	—	—	1
Observations	1	2	4	3	1	3	4	3	6	2	6	1	36
TOTALS	79	87	66	85	76	135	115	115	32	57	82	75	1004

NOTIFIED INFECTIOUS DISEASES, 1949 CIVILIAN (Corrected in cases of revised diagnosis).

	Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—25	25—35	35—45	45—65	Over 65	Total
Scarlet Fever .....	2	—	17	8	37	39	4	3	—	1	—	1	—	112
Diphtheria .....	—	—	—	—	—	2	1	—	—	1	—	1	—	5
Whooping Cough .....	29	33	38	23	42	83	—	—	—	1	—	—	—	249
Measles .....	9	21	25	27	33	55	2	—	—	—	—	—	—	172
Pneumonia .....	31	5	—	1	3	10	2	—	2	2	9	20	8	93
Acute Poliomyelitis .....	—	—	—	—	—	7	3	—	1	2	—	—	—	13
Polioencephalitis .....	—	1	—	1	—	1	—	1	—	—	—	—	—	4
Dysentery .....	2	—	1	—	—	1	—	—	1	1	—	—	—	6
Puerperal Pyrexia .....	—	—	—	—	—	—	—	—	4	2	2	—	—	8
Cerebro Spinal Fever .....	—	—	1	—	2	—	—	—	—	1	—	—	—	4
Erysipelas .....	—	—	—	—	—	—	—	—	—	—	2	5	4	11
Gastro Enteritis .....	8	4	2	1	1	—	—	—	—	1	1	—	—	18
Food Poisoning .....	1	1	—	1	1	—	—	1	1	1	—	2	—	9
TOTALS	82	65	84	62	119	198	12	5	9	13	14	29	12	704

## POLIOMYELITIS.

The disease assumed epidemic proportion during the year throughout the country and this was reflected in the number of cases which occurred within the borough.

The following Table gives an indication of the numbers and death rates for the whole of England and Wales for a few years and it will be noted that 1949 was second only to the serious epidemic year of 1947. The disease had a widespread disposition but incidence tended to be high in the South-West and low in the North-East of the country.

### **Poliomyelitis and Polio Encephalitis. England and Wales.**

	1926	1938	1947	1948	1949
Notifications .....	1297	1585	7706	1859	5800
Rate per hundred thousand .....	3	4	18	4	13
Deaths .....	235	256	707	241	600
Death Rate per million .....	6	6	16	6	14

Within the Borough 20 cases were notified but three of these proved to be other conditions. Of the 17 actual cases two were fatal and six had some residual paralysis, the remainder recovered completely.

Sex incidence was almost equal—8 males and 9 females being affected. Both the fatal cases were females. The disease attacked mainly young persons below the age of fifteen years and no person over the age of 35 years was affected. The accompanying Table gives details of age and sex incidence and whether the disease was paralytic, non-paralytic or fatal in type.

A comparison with England and Wales gives the following information :

	England & Wales	Scunthorpe
Rate per 100,000 .....	13	32.67
Death rate per million .....	14	38.44

While it is always unsatisfactory to reduce small numbers to a common rate it is the only simple method of comparison available and while too much weight cannot be laid on these rates they do indicate that Scunthorpe was hit more severely by the outbreak than was the country in general.

The question of recent immunisation among actual cases was investigated and it was found that none of the seventeen cases had been immunised within a year of the onset of disease and that only five cases had any history of previous immunisation at all. These figures do not support the view that recent immunisation has some effect on poliomyelitis incidence.

# **AGE, SEX, PARALYSIS AND FATALITY INCIDENCE OF POLIOMYELITIS IN SCUNTHORPE in 1949.**

Age Groups		Paralytic		Non-Paralytic		Deaths		Totals
		M.	F.	M.	F.	M.	F.	
0—	.....	—	—	1	—	—	1	2
5—	.....	1	2	3	1	—	1	8
10—	.....	—	1	2	—	—	—	3
15—	.....	—	—	—	1	—	—	1
20—	.....	—	—	—	1	—	—	1
25—	.....	—	—	—	—	—	—	—
30—35	.....	1	1	—	—	—	—	2
TOTALS		2	4	6	3	—	2	17

## **SMALLPOX.**

On 2/4/49 the S.S. Mooltan arrived in England with Smallpox aboard. One passenger from the ship sickened with Smallpox while at Epworth and died there on 10/4/49. Precautions were taken in Scunthorpe accordingly and on 15/4/49 another suspect case occurred at Castlethorpe. This case was transferred to the Smallpox hospital and an intensive check up and immunisation of all contacts was carried out; after about three weeks it was finally decided that the Castlethorpe case was not smallpox.

## **FOOD POISONING.**

### **Food Poisoning Notifications (Corrected):**

1st	2nd	3rd	4th	
Quarter	Quarter	Quarter	Quarter	TOTAL
2	—	4	3	9

### **Outbreaks due to Identified Agents:**

Total Outbreaks: 1. Total Cases: 2 Salmonella Organisms.

### **Outbreaks of undiscovered cause:**

Total Outbreaks: 2. Total Cases: 5.

### **Single Cases:**

2 Salmonella Typhimurium.

# INFECTIOUS DISEASES, SCHOOL DISTRIBUTION—1949.

<i>School</i>	Scarlet Fever	Diphtheria	Pneu- monia	Measles	Mumps	Chicken Pox	Whooping Cough	Poliomye- litis	Observa- tions	Dysentery
Crosby Junior Mixed .....	2	—	—	—	—	—	—	1	1	—
Crosby Infants .....	14	—	—	17	—	2	9	1	2	—
Henderson Avenue Junior Mixed .....	6	—	—	—	—	—	4	1	1	—
Henderson Avenue Infants .....	6	—	—	3	—	6	12	1	3	—
Gurnell Street Boys .....	1	—	—	—	—	—	—	—	1	—
Gurnell Street Girls .....	2	—	—	—	—	—	—	—	1	—
Gurnell Street Infants .....	2	—	—	31	2	43	6	3	3	—
Doncaster Road Boys .....	—	—	—	—	—	—	—	—	6	—
Doncaster Road Girls .....	—	—	—	—	—	—	—	1	1	—
Frodingham Infants .....	10	1	—	2	3	8	19	1	—	—
Brumby Boys .....	2	1	—	—	2	—	—	2	4	—
Brumby Junior Mixed .....	2	—	—	—	2	2	2	3	2	—
Ashby Priory Lane .....	15	—	—	—	8	4	4	—	—	—
Ashby Girls .....	1	1	—	1	—	—	—	—	—	—
Ashby Junior Mixed .....	2	—	1	3	3	7	—	—	1	—
Ashby Infants and Huts .....	10	—	—	4	36	19	20	2	1	1
Ashby Lincoln Gardens .....	5	—	—	—	4	3	1	—	—	—
Technical High .....	1	—	—	—	—	—	—	—	—	—
Grammar .....	—	—	—	—	—	—	—	—	—	—
Santon Terrace .....	—	—	—	—	—	—	—	—	—	—
Bottesford .....	4	—	—	—	—	—	2	—	—	—
TOTALS .....	85	3	1	61	60	94	79	11	27	1

# INFECTIOUS DISEASES NURSES' VISITS, 1949.

	No. of cases visited	No. of visits paid
Scarlet Fever .....	116	373
Diphtheria .....	21	72
Pneumonia .....	93	3
Erysipelas .....	12	31
Puerperal Pyrexia .....	8	8
Discharging Eyes .....	1	19
Para-Typhoid Fever .....	1	1
Cerebro Spinal Fever .....	4	3
Poliomyelitis .....	15	51
Polioencephalitis .....	4	8
Whooping Cough .....	259	1161
Measles and German Measles .....	226	380
Chickenpox .....	110	147
Mumps .....	61	85
Gastro-Enteritis .....	19	17
Food Poisoning .....	9	37
Dysentery .....	8	39
Enteric Fever .....	1	—
Observations .....	36	143
Smallpox Contacts (Observation) .....	—	243
	1004	2821



# METEOROLOGICAL RECORDS, 1949.

Month	Barometer		Thermometer		Rainfall inches		
	Max.	Min.	Max. (in shade)	Min.			
January	.....	Out of order	52°F	26°F	1.87		
February	.....	30.5	29.3	56°F	24°F	0.38	
March	.....	.....	30.5	29.5	60°F	26°F	0.86
April	.....	.....	30.25	29.1	76°F	32°F	1.54
May	.....	.....	30.5	29.3	74°F	34°F	1.46
June	.....	.....	30.2	29.4	86°F	40°F	0.53
July	.....	.....	30.3	29.6	88°F	44°F	2.58
August	.....	.....	30.4	29.0	80°F	42°F	1.65
September	.....	.....	30.3	29.5	74°F	46°F	0.85
October	.....	.....	30.5	28.9	70°F	30°F	2.23
November	.....	.....	30.5	29.0	Out of order		3.15
December	.....	.....	30.3	28.9	54°F	30°F	1.68



For the following particulars I am indebted to Mr. C. Cooper, Borough Engineer and Surveyor.

## HOUSING.

Total number of new houses erected during 1949:—

(1) By Local Authority .....	385
(2) By other Local Authorities .....	—
(3) By other Bodies or Persons .....	26
	<hr/>
	411
	<hr/>

## SEWERAGE.

### Houses not connected to Public Sewer.

The number of houses in the Borough not connected to the sewerage system of the district is 156, they are as follows:—

<i>Situation</i>	<i>No.</i>	<i>Remarks</i>
Old Row, Santon .....	25	Situate in the extreme East of the Borough and can be regarded as temporary in as much as a Clearance Order now confirmed and re-housing is in progress.
Brickyard Cottage, Santon	1	Isolated position. No public sewer in neighbourhood.
New Santon Terrace .....	32	These houses are drained to a septic tank, the effluent of which empties into Bottesford Beck.
The Old Mill, High Street	1	Isolated position. No public sewer in neighbourhood.
Poultry Farm, East Common Lane .....	1	Isolated position. No public sewer in neighbourhood.
Ashby Ville Hotel, Brigg Road .....	1	Isolated position. No public sewer in neighbourhood.
South Grange Farm, Ashby .....	2	Isolated position. No public sewer in neighbourhood.
North Grange Farm, Ashby .....	1	Isolated position. No public sewer in neighbourhood.
Bottesford Road .....	3	These houses are some 200 yards from public sewer to which it is impossible to connect, owing to levels of site being too low.
Tea Pot Hall, South of Burringham Road .....	1	Isolated position. No public sewer in neighbourhood.

<i>Situation</i>	<i>No.</i>	<i>Remarks</i>
Manor Farm and Cottages Burringham Road .....	3	Isolated position and drain too small. Private sewage works in the same ownership.
Scotter Road South, Boundary Cottages .....	5	Near southern boundary. Isolated. No public sewer in neighbourhood.
Scotter Road, Viaduct Cottages .....	2	Near viaduct. Isolated. No public sewer in neighbourhood.
Scotter Road North, Brumby Grove Farm and Cottages .....	3	Isolated. No public sewer in neighbourhood.
Island Garage House Doncaster Road .....	1	It is proposed to connect this property to the public sewer in the near future.
Lodge Farm, Scotter Road .....	1	It is proposed to connect this property to the sewer in the near future.
Scotter Road North .....	42	North of Doncaster Road and impossible to connect to sewer unless extensive schemes are adopted.
Ferry Road West .....	10	
Crosby Warren .....	2	Game keepers' lodges. Isolated. No public sewer in neighbourhood.
Old Park Farm and Cottages .....	1	Isolated position. No public sewer in neighbourhood.
Orb Lane and St. Vincent's Avenue, off Normanby Road .....	16	Isolated position. No public sewer in neighbourhood.
Conesby Farm and Cottages .....	2	Isolated position. No public sewer in neighbourhood.

## **WATER SUPPLY.**

### **Sources of Supply and Names of Boreholes.**

#### **North Lindsey Water Board Stations.**

Winterton Holmes	.....	Near Winterton and approximately 5 miles N.E. Scunthorpe.
Scotney	.....	Near Winterton and approximately 5 miles N.E. Scunthorpe.
Wressle (No. 1 and No. 2 Bore)	.....	Near Broughton and approximately 5 miles east of Scunthorpe.

#### **Scunthorpe Corporation Stations.**

Risby Warren	.....	Approximately 3 miles east of Scun- thorpe.
Appleby	.....	Approximately 4 miles east of Scun- thorpe.

**WATER REPORT, 1949: DISTRIBUTION OF 'TAKE'**  
**within the Statutory Area which comprises the Borough of**  
**Scunthorpe and Roxby-cum-Risby.**

	Borough of Scunthorpe	Roxby-cum- Risby	Total
ESTIMATED POPULATION .....	53,000	426	53,426
CONSUMPTION FOR THE YEAR.	Gallons	Gallons	Gallons
Domestic .....	527,150,000	1,790,000	528,940,000
Metered, etc. ....	127,137,000	1,742,000	128,879,000
Total .....	654,287,000	3,532,000	657,819,000
AVERAGE DAILY CONSUMPTION.			
Domestic .....	1,438,767	4,849	1,443,616
Metered, etc. ....	347,772	4,717	342,489
Total .....	1,786,539	9,566	1,796,105
CONSUMPTION IN GALLONS PER HEAD PER DAY.			
Domestic .....	27.1	11.3	27.0
Metered, etc. ....	6.6	11.0	6.4
Total .....	33.7	22.3	33.4

Consumption outside Statutory Area (Glanford Brigg Rural District)  
4,463,000 gallons.

Total Consumption for Year, including Scunthorpe, Roxby-cum-  
Risby and parts of Glanford Brigg Rural District  
662,282,000 gallons.

**SUMMARY OF TAKE FROM VARIOUS SOURCES  
OF SUPPLY.**

	Total for Year	Average per Day
	Gallons	Gallons
Corporation Works:		
Appleby .....	23,757,000	65,088
Risby Warren .....	135,209,000	370,436
North Lindsey Water Board	499,901,000	1,369,591
North Lincs. Iron Co. ....	3,415,000	9,356
TOTAL	662,282,000	1,814,471

## REPORT OF THE CHIEF SANITARY INSPECTOR.

### SANITARY INSPECTIONS OF THE AREA.

A classified statement of the number of premises visited, the defects or nuisances discovered, and the action and result of action taken in regard to these will be found on Tables at the end of the report.

The number of nuisances abated and improvements effected during the year is 2,549. See Page 57. 4,496 General Inspections were made.

#### Housing.

A Clearance Order was obtained on 41 houses at Santon. 16 tenants had been rehoused at the end of the year.

Demolition of the houses by the owners is being carried out as soon as the houses are vacated.

In December one house, 134 Ashby High Street, Scunthorpe, was inspected, recorded and reported to the Council with a view to a Demolition Order being made.

#### Shops Act.

562 Shops throughout the area have been inspected to see that the requirements of the Acts are being carried out. The following contraventions have been remedied :

Additional Sanitary Accommodation provided .....	4
Additional Washing Facilities .....	7
Other Improvements .....	5

Exemptions under Section 10 of the Shops Act have been granted in 7 cases. Nine Shopkeepers were warned against keeping premises open after the official closing hours.

#### Tents, Vans and Sheds.

Twenty licences of short period were granted to persons to occupy and station a caravan on land within the Borough. A good number of travelling van dwellers (not members of the Showmen's Guild) have also stayed in the district for short periods. 112 Inspections of Vans have been made during the year and 22 contraventions remedied. These apply in all cases to the travelling Van Dwellers. The number of licensed caravans in the district at the end of the year was 6.

#### Hut Encampment, Normanby Road.

This is an encampment situated on the east site of Lysaghts Works, Normanby Road, providing temporary accommodation for 350 men engaged by a public contractor. The structures are of timber and heating by slow combustion stoves. The huts are cleaned out daily by cleaners employed by the contractors. Lavatory and washing accommodation is provided. The men get their meals at the Works Canteen.

The conditions generally are clean and orderly.

### **Encampment, Brigg Road.**

This is an encampment situated on Brigg Road within the Hydroprest Works grounds. It provides accommodation for 132 European Voluntary Workers who are employed at this and other works in the district.

The living quarters (built of cement blocks) consist of 8 separate blocks each of which is divided into 8 different rooms. Two men occupy each room. Single beds are provided. There are W.C.s provided at the end of each alternate block in addition to the 10 W.C.s at the Bath House. Hot and cold water is provided for showers and washing accommodation.

A canteen is provided for meals.

The premises are very clean and well kept.

### **Ministry of Labour Hostel, Colin Road.**

This is a brick-built hostel and provides accommodation for 50 men together with a staff of 11. These men are employed at the Steelworks.

There are two dormitories and these are divided into separate cubicles equipped with single beds and a locker. Sanitary accommodation is provided. There is hot and cold water available for washing and baths. The premises are exceptionally clean.

### **Public Conveniences.**

There are 5 Public Conveniences in the Borough. These are situate in the Town, East and Frodingham Wards. There are 2 female and 1 male Convenience where attendants are employed. The Public Health Committee have had under consideration for some time the building of other conveniences in the Ashby and Brumby Wards but are finding great difficulty in obtaining suitable sites. Instructions have been given for improvements to be carried out at the Gent.'s Convenience, Market Hill, making provision for Wash and Brush Up and with an attendant on duty. Plans have been prepared for new conveniences at Cottage Beck Road to replace the dilapidated Urinal now in existence. These I hope will be built during the coming year.

A detailed statement of the income derived from the Public Conveniences for the year ending 31st December, 1949, is given on Page 65.

### **Offensive Trades: Public Health Act 1936: Section 107: (Rag and Bone Dealers).**

There are two premises in the district. 4 inspections have been made and no contraventions found.

Proceedings were taken against a Leeds man for giving balloons to children for rags. He was fined £2.



## Refuse Collection, Disposal and Salvage.

This work has been greatly increased during the year by the number of new houses built and also the fact that of all the houses built the dustbin has had to be carried distances varying from 40 to 100 yards. This greatly impedes the work of collection. On two housing estates—Lincoln Gardens and Sunnyside—I have put into operation the “exchange bin system.” Under this system an empty dustbin is taken to the house and the full one brought away, emptied into the lorry and then taken to the next house. This has cut down the walking distance by half and has proved an advantage. This system can only be put into operation on Council Estates or where a Municipal Bin Scheme is in operation.

During the last half year a depot has been fitted with the necessary equipment for the carrying out of repairs to the vehicles. This has proved a great advantage in the saving of both cost and time.

During the year the following salvage was collected and sold :

	Tons cwt. lbs.		
Paper .....	626	16	0
Bones .....	3	5	70
Kitchen Waste .....	25	19	70
Black Scrap and Tins .....	36	8	0
Cullet .....	3	15	84
Wood Wool .....	3	3	59
Textiles .....	7	5	86
Non-Ferrous Metals .....		5	81
String .....		16	28
Bottles and Jars .....			93
	707	17	11

In October the income from Waste Paper dropped due to reductions in the price varying from 60% to 78%.

Since 1945 refuse collecting vehicles have been garaged at the rear of the Public Baths, Doncaster Road, and now with the increase in the number of vehicles this Depot is inadequate for the purpose. The Public Health Committee at their meeting on the 2nd May, 1949, recommended that the Ministry of Health be approached for sanction to go ahead with the new Depot at Cottage Beck Road. It is hoped that work will be commenced during 1950.

## Rats and Mice Destruction Act, 1919.

Two men are employed by the Public Health Committee on the work of dealing with infestations of rats and mice. During the year 199 infestations have been reported. This necessitated visiting 887 premises in the vicinity of the infestations. In the course of these visits in addition to minor infestations 7 major rat and 5 major mice infestations were noted, and the number of bodies found after treatment was 853 rats and 408 mice.



All sewers in the area have been treated twice for the presence of rats. The estimated kill being 3,000. 40 drains have been tested for defects and repaired where rats have been found in the premises and the drainage has been suspected as the source of infestation.

#### **Petroleum (Consolidation) Act, 1928.**

There are 80 premises licensed to sell petrol. All petrol installations in the district have been inspected to see that the requirements of the Act are being carried out.

Shops have been visited to see that they do not store more than the allowed amount of "Lighter Fuel."

No infringements were found.

#### **Meat and Food Inspection.**

Meat and Food Inspection forms an important part in the work of the department. All meat consumed in Scunthorpe and in the area of the Brigg U.D.C., Isle of Axholme and Brigg R.D.C. (catering for the needs of 102,000 population) passes through the Scunthorpe Abattoir and is examined by the Corporation Inspectors.

Meat found to be unfit is removed by the Government Contractors (after being dyed green) to be processed and made into artificial manure, etc. During the year 14,902 animals were slaughtered at the abattoir, an increase of 3,070 over the previous year. Page 61 gives the different kinds of animals slaughtered. From this Table it will also be seen that of all the animals slaughtered 7.3 of them were affected with Tuberculosis. Of the 1,065 cows slaughtered 583 were affected with Tuberculosis. 13.1% of all animals slaughtered were either affected with Tuberculosis or other diseases. In 187 cases it was found necessary to condemn the whole carcase as unfit for human food—84 for T.B. and 103 for other diseases.

The amount of meat condemned as unfit for human food during the year was 64 tons 15 cwts. 1 qr. 23 lbs. Other foods (tinned foods, etc.) inspected and found unfit for food amount to 3 tons 15 cwts. 0 qrs. 14 lbs.

There are 63 licensed slaughtermen in the Borough.

#### **Bakehouses.**

There are 22 Bakehouses in the Borough. 48 Inspections have been made during the year and contraventions have been found and remedied at 3 premises. Alterations and improvements have been carried out at 2 Bakehouses.

#### **Fried Fish and Chip Shops.**

There are now 48 fried fish and chip shops in the district, 3 in the Park Ward, 7 in Crosby Ward, 7 in East Ward, 10 in Town Ward, 5 in West Ward, 2 in Brumby Ward, 6 in Frodingham Ward

and 8 in the Ashby Ward. There are also 3 Mobile Fish and Chip Shops which operate in and around the Borough.

During the year 75 inspections of the premises have been made and improvements have been carried out at 7.

### **Food Preparing Rooms.**

There are 37 food preparing premises on the register, namely :

- 5 Ice Cream
- 30 Sausages, etc., and
- 2 Fish Cakes.

The premises are inspected at regular intervals and no contraventions have been found.

### **Horse Meat.**

There is one shop in the Borough that sells Horse Flesh. The meat is obtained from an adjoining Borough where it is inspected and passed as fit for human consumption. It is also inspected by the Corporation Inspectors.

### **Food Sampling.**

Samples of food and drink (excluding milk and ice cream) totalling 135 have been taken during the year. Particulars are as follows :

**SAMPLES TAKEN UNDER THE FOOD AND DRUGS ACT  
IN THE BOROUGH OF SCUNTHORPE DURING 1949.**

	Formal	Informal	Total
New Milk .....	12	23	35
Ice Cream .....	—	28	28
Ammoniated Tincture Quinine .....	1	3	4
Bi-carbonate of Soda .....	—	3	3
Butter .....	—	6	6
Baking Powder .....	—	3	3
Cheese .....	—	1	1
Condensed Milk .....	—	4	4
Curry Powder .....	—	4	4
Custard Powder .....	—	4	4
Cough Mixture .....	—	4	4
Epsom Salts .....	—	4	4
Fish Cakes .....	—	3	3
Glauber Salts .....	—	3	3
Grapes, Tinned .....	—	1	1
Gelatine .....	—	1	1
Indian Brandy .....	—	6	6
Jam .....	—	4	4
Jelly .....	—	4	4
Lard .....	—	6	6
Liquid Paraffin .....	—	4	4
Liquorice Powder .....	—	3	3
Meat—Sausage .....	4	—	4
Meat—Potted .....	—	2	2
Meat (Mutton) .....	—	1	1
Mustard .....	—	1	1
Margarine .....	—	6	6
Nutty Crunch .....	1	—	1
Potatoes .....	—	1	1
Pepper, White .....	—	5	5
Potato Crisps .....	—	1	1
Pudding and Cake Mixture .....	—	6	6
Rock .....	1	—	1
Rhubarb Tincture .....	—	3	3
Sweetened Fat .....	—	1	1
Sweet Spirits of Nitre .....	2	2	4
Spices, Mixed .....	—	5	5
Salad Cream .....	—	6	6
Sauces .....	—	6	6
Self Raising Flour .....	—	3	3
Tarts .....	—	5	5
Whipped Cream Cone .....	1	—	1
	<u>22</u>	<u>176</u>	<u>198</u>

All were genuine with the exception of the following:—

- 6 Milks (4 Formal, 2 Informal)
- 1 All Toffee Nutty Crunch (Formal)
- 1 American Chocolate Whipped Cream Cone (Formal)
- 1 Beef Sausage (Formal)
- 2 Sweet Spirits of Nitre (1 Formal, 1 Informal)
- 1 Cheese (Informal)
- 1 Tarts (Informal).

The following are the details of the unsatisfactory samples:—

Index No. of Sample	Character of Sample	Nature of Sample	Result of Sample	Remarks
1629	Formal	All Toffee Nutty Crunch	Sample consisted of puffed wheat with adhering sugar. 26.8 cane sugar. Misleading description. No nuts and only thin coating of toffee.	Court action. Vendor convicted and fined £5.
1631	Informal	New Milk	7% added water.	Formal follow up sample 1643 taken.
1636	Informal	New Milk	Slight deficiency in milk fat.	Informal follow up sample satisfactory.
1641	Formal	New Milk	3% added water.	Farmer sent warning letter.
1643	Formal	New Milk	8.9% added water.	Firm found not guilty. Section 83 of Food and Drugs Act enforced and garth hand fined £10.
1644	Formal	American Chocolate Whipped Cream Cone	Misleading title.	Referred to Ministry of Food and wholesalers were warned.
1666	Informal	Sweet Spirits of Nitre	96.8% deficient in Ethyl Nitrite.	Formal follow up number 1825 taken.

Index No. of Sample	Character of Sample	Nature of Sample	Result of Sample	Remarks
1703	Formal	Beef Sausages	31% deficient in meat.	Magistrates dismissed case on grounds of insufficiency of amount of sample. Appeal to High Court. Results not to hand at end of 1949.
1763	Formal	New Milk	39.3% deficient in fat.	Appeal to cow samples taken and farmer warned.
1765	Formal	New Milk	40% deficient in fat.	
1776	Informal	Cheese	Unfit for human consumption.	Rest of consignment withdrawn from sale and disposed of.
1816	Informal	Tarts	Contained 13.5% mineral oil.	Formal follow up sample taken in 1950.
1825	Formal	Sweet Spirits of Nitre	51.5% deficient in Ethyl Nitrite.	Shopkeeper warned re sale of loose Spirits of Nitre.

## MILK.

During the year the Milk Special Designations Order, 1936, was superceded by the:

Milk (Special Designations) Act, 1949.

Milk and Dairies Regulations, 1949.

Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949.

Milk (Special Designation) (Raw Milk) Regulations, 1949.

This necessitated the control of the four cowsheds in the Borough passing to the Lindsey County Council and the re-registration of the two dairies in the Borough for the sale of the designated milks.

The following is a detailed list of the licences issued during the past year:

Dealer's (Pasteuriser's) Licence	.....	.....	.....	.....	2
Dealer's (Steriliser's) Licence	.....	.....	.....	.....	2
Dealer's Pasteuriser's Licence for Tuberculin Tested					
Pasteurised	.....	.....	.....	.....	2
Dealer's Supplementary Licences to sell Tuberculin					
Tested Milk	.....	.....	.....	.....	1
Dealer's (Supplementary) Licences to sell Sterilized					
Milk	.....	.....	.....	.....	96

During the year 104 visits were made to the two dairies and twelve visits were made to the four cowsheds prior to the work being undertaken by the County Council.

Samples of milk for chemical, bacteriological and Tuberculosis examination are taken at frequent intervals.

No milk taken for Tuberculosis examination gave a positive result.

35 samples of milk (12 Formal and 23 Informal) were sent to the Public Analyst for chemical examination. Proceedings were taken in one case (8.9% added water). In one instance where the deficiency on a formal sample was small (3% added water) a warning letter was sent to the farmer. Further informal samples taken from churns from his farm have proved satisfactory.

Informal samples are now taken on a rota system from producers' churns as they arrive at the dairies. These are analysed by our own staff with a Gerber machine purchased during the year and if any samples fall below the minimum standards required by the Sale of Milk Regulations, 1939, visits are made to the farms concerned, often early in the morning, in order to procure Formal Samples.

During the year 330 INFORMAL Samples of Milk were examined by the Gerber method and 26 Samples were found to be sub-standard (6 having a deficiency in fat and 20 being deficient in non-fatty solids). See Page 53.

INFORMAL Follow up samples were taken and examined in the Health Department and 20 were found to be satisfactory and 6 still remained unsatisfactory; FORMAL follow up samples were taken and sent to the Public Analyst and of these 5 samples proved to be genuine and in the remaining case it was necessary to take "Appeal to the Cow" samples. These proved genuine, but from observations kept by the Sampling Officer at the time of milking, it was felt that the methods of milking, i.e. mechanical, were not being carried out efficiently and the animals were not being satisfactorily "stripped." In this case, advice was given to the farmer who, in fact, did not live on the farm where the milk was produced and who had a farm manager to assist in milk production. Informal follow up samples of this milk proved satisfactory.



### Bacteriological Examinations.

During the year 347 samples were sent for bacteriological examination as follows:—

Milk : Pasteurised .....	87
T.T. Pasteurised .....	33
Tuberculin Tested .....	34
Sterilised .....	47
Raw .....	1
Ice Cream .....	143
Ice Cream Powder .....	1
Potato Crisps .....	1

The following are the results of the Milk Samples:

	Satisfactory	Unsatis- factory	Total
Pasteurised .....	73	14	87
T.T. Pasteurised .....	28	5	33
Tuberculin Tested .....	14	20	34
Sterilised .....	47	—	47
Raw .....	1	—	1
TOTAL	163	39	202



**ANALYSIS OF SAMPLES OF MILK TESTED BY THE  
GERBER METHOD.**

Percentage of Fat	Number of Samples	Percentage Solids not Fat	Number of Samples
2.4	1	7.9	1
2.5	2	8.0	—
2.6	1	8.1	1
2.7	1	8.2	—
2.8	1	8.3	6
2.9	—	8.4	12
3.0	26	8.5	15
3.1	11	8.6	34
3.2	21	8.7	43
3.3	19	8.8	50
3.4	20	8.9	42
3.5	36	9.0	50
3.6	35	9.1	34
3.7	21	9.2	19
3.8	22	9.3	15
3.9	17	9.4	6
4.0	20	9.5	2
4.1	17		
4.2	11		
4.3	15		
4.4	10		
4.5	11		
4.6	2		
4.7	1		
4.8	2		
4.9	2		
5.0	4		
5.1	1		
TOTAL	330	TOTAL	330

## ICE CREAM.

Persons selling or manufacturing Ice Cream must first apply for registration of their premises to the Local Authority under Section 14 of the Food and Drugs Act, 1938.

There are 5 manufacturers of Ice Cream and 76 premises registered for the sale of Ice Cream in the area. These premises are inspected regularly. No contraventions have been found. During the year 28 samples of Ice Cream have been taken for chemical analysis and 143 samples sent for bacteriological examination.

Of the samples sent for chemical analysis the fat content varied from 1 to 14 per cent. 10.7% were below 4%, 64% between 4 to 10% and the remainder between 11 to 14% as the following list shows:—

No. of Samples taken	Average Fat Content	Locally Manufactured	Manufactured in the adjoining districts	Manufactured by large firms
1	1— 2	—	1	—
2	2— 3	2	—	—
4	4— 5	2	2	—
1	5— 6	1	—	—
2	6— 7	—	2	—
2	7— 8	1	—	1
6	8— 9	1	3	2
4	9—10	1	2	1
2	10—11	—	1	1
1	11—12	—	1	—
2	12—13	—	—	2
1	13—14	—	—	1
28		8	12	8

Of the following 143 samples sent for Bacteriological Examination the following Table gives the summary of results:—

Grade	Number of Samples	Result
1	71	Satisfactory from the point of view of cleanliness.
2	37	Fairly satisfactory.
3	20	Not satisfactory.
4	15	Very poor.

In all cases Grade 4 was loose Ice Cream sent into the Borough. Very little loose ice cream is sold in the district. The wrapped ice cream has far better chance of keeping free from contamination and is easier to handle from a sales point of view. Loose ice cream

although manufactured under the best possible conditions is open to contamination from the time it leaves the factory until eating.

### Public Swimming Baths.

During the year 40 samples of Water from the Public Baths were taken for bacteriological and chemical examination.

The following results were obtained :

BACTERIOLOGICAL			CHEMICAL		
Total	Satis- factory	Unsatis- factory	Total	Satis- factory	Unsatis- factory
33	33	—	7	5	2

The Baths are equipped with a modern chlorination and filtration unit.

### Town Supply.

The town's water supply was regularly sampled during the year with the following results :—

Where Sampled	BACTERIOLOGICAL			CHEMICAL		
	Total	Satis- factory	Unsatis- factory	Total	Satis- factory	Unsatis- factory
Tap	47	38	*9	4	4	—
Wells	4	—	†4	2	—	2
Total	51	38	13	6	4	2

\*—The unsatisfactory samples of town water supply were taken from newly laid mains and follow up samples were all satisfactory.

†—The occupiers of the dwelling houses using these wells were warned regarding boiling the water before use.

In addition to the above, 48 samples of town water supply were taken for bacteriological and chemical examination by the Borough Engineer. All proved satisfactory.

### HOUSES WITHOUT TOWN'S WATER, DECEMBER, 1949.

Old Mill House, Scunthorpe	.....	.....	.....	.....	.....	1
Rowmill Poultry Farm, East Lane	.....	.....	.....	.....	.....	1
North Farm Cottage (Tea Pot Hall), Burringham Road	.....	.....	.....	.....	.....	1
New Houses, Scotter Road	.....	.....	.....	.....	.....	5
Leaning, Ferry Road	.....	.....	.....	.....	.....	1
South Lodge, Ferry Road	.....	.....	.....	.....	.....	1
TOTAL						10

## FACTORIES AND WORKPLACES.

During the year 275 inspections have been made of factories and workplaces.

### DEFECTS FOUND IN FACTORIES AND WORKPLACES.

Particulars	Number of Defects	
	Found	Remedied
Want of Cleanliness .....	6	6
Inadequate Ventilation .....	1	1
Sanitary Conveniences—		
(a) Insufficient .....	4	3
(b) Unsuitable or defective .....	10	9
Other offences against the Act .....	2	2
	<hr/> 23	<hr/> 21

### WORKPLACES AND FACTORIES IN THE BOROUGH, 1949.

Type	With Power	Without Power
Abattoir .....	1	—
Bakehouses .....	14	8
Blacksmiths .....	2	—
Boot Repairs .....	18	2
Cycle Repairs .....	—	4
Coffee Grinding .....	1	—
Concrete Products .....	2	—
Cellulose Spraying .....	1	—
Coach Builders .....	2	—
Dairies .....	2	—
Dressmakers .....	—	5
Engineers .....	3	—
Firewood .....	2	—
Food Products .....	1	1
French Polishers .....	—	1
Gas Works .....	1	—
Iron and Steel and Subsidiary Companies .....	26	—
Ice Cream Manufacturers .....	5	—
Joinery and Upholstery .....	20	5
Laundries and Dry Cleaners.....	4	—
Marine Stores .....	—	2
Mineral Water Manufacturers .....	1	—
Plumbers .....	2	4
Piano and Wireless Repairs .....	1	5
Printers .....	8	2
Photographers .....	—	5
Scale Repairs .....	—	1
Carried forward	<hr/> 117	<hr/> 45

## Workplaces and Factories in the Borough—contd.

Type		With Power	Without Power
	Brought forward	117	45
Sausage Manufacturers	.....	23	—
Sweets	.....	1	—
Stone Masons	.....	1	2
Saddlery	.....	—	1
Tinsmiths	.....	2	1
Tailors (M and F)	.....	4	2
Wagon Repairs	.....	6	—
Watch Repairs	.....	—	1
Vehicle Repairs	.....	37	1
		191	53

This shows an increase of 22 Factories and Workplaces on the register for the year.

## GENERAL INSPECTIONS.

No. of Inspections	.....	4496
No. of Nuisances Abated	.....	2549

	Park	Crosby	East	Town	West	Brumby	Frodingham	Ashby	TOTAL
No. of Informal Notices	5	52	126	85	18	19	44	84	433
No. of Statutory Notices	—	7	47	17	2	1	3	5	82
No. of Complaints Received	35	30	81	56	34	28	43	82	389

Total number of nuisances during the year:—

(1) Abated as result of informal action	.....	2357
(2) Reported to Council—		
Statutory Notices issued.....	.....	82
Statutory Notices not issued	.....	19

## DETAILS OF NUISANCES ABATED.

	After Informal Intimation	After Statutory Notice
Smoke	38	10
Accumulation of Refuse	14	—
Foul Pigs and Other Animals	6	—
Dampness	656	121
Yards Repaired or Repaved	17	2
Other Nuisances	1626	59

## DISINFECTION.

Rooms disinfected .....	158
(a) Ordinary infectious diseases .....	149
(b) Tuberculosis .....	9
Rooms stripped and cleansed .....	5
No. of premises disinfected .....	16

## DRAINAGE AND SEWERAGE.

### Closets.

Number of houses with privy vaults in district.....	—
Number of houses with pail closets in district .....	47
Number of pail closets repaired .....	—
Number of houses with water closets .....	13839
Number of water closets substituted for pail closets .....	—
Number of water closets repaired.....	85

### Drains.

Drains examined, tested and exposed .....	36
Drains unstopped, repaired, trapped, etc. ....	936
Waste pipes, rain water pipes, disconnected, repaired, etc. ....	18
Drains reconstructed .....	—

### Sewers.

New length of sewers laid .....	5690 yards
---------------------------------	------------

## HOUSING.

### Number of New Houses erected during the year:—

(a) Total .....	411
(b) With State assistance under the Housing Acts:	
1. By Local Authority .....	385
2. By other bodies or persons .....	26
1. Inspection of dwelling-houses during the year:—	
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .....	1774
(b) Number of inspections made for the purpose .....	4496
(2) (a) Number of dwelling-houses (included under sub- head (1) above which were inspected and recor- ded under the Housing consolidated Regulations 1925) .....	1
(b) Number of inspections made for the purpose .....	1



(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation .....	—
2. Remedy of Defects during the Year without service of Formal Notices:—	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers .....	564
3. Action under Statutory Powers:—	
A—Proceedings under Sections 9, 10 and 36 of The Housing Act, 1936:	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs .....	—
(2) Number of dwelling-houses which were rendered fit after service of formal notices:	
1. By owners .....	—
2. By Local Authority in default of owners .....	—
B—Proceedings under Public Health Acts:	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....	82
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:	
1. By owners .....	68
2. By Local Authority in default of owners .....	—
C—Proceedings under Sections 11 and 13 of the Housing Act, 1936:	
(1) Number of dwelling-houses in respect of which Demolition Orders were made .....	—
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.....	—
D—Proceedings under Section 12 of the Housing Act, 1936:	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .....	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .....	—



# IMPROVEMENTS.

Defects	Park	Crosby	East	Town	West	Brumby	Froding- ham	Ashby	TOTAL
Ceilings Replastered .....	1	4	14	5	1	1	1	7	34
Walls Replastered .....	—	5	8	6	—	—	1	6	26
Floors—Tiled—Repaired .....	—	1	3	1	—	—	—	—	5
Floors—Wood—Repaired .....	1	8	9	7	5	1	1	6	38
Sash Cords Renewed .....	—	11	29	17	1	2	—	6	66
Window Frames Repaired .....	—	2	11	2	—	—	2	5	22
Doors and Frames Rep'd .....	—	2	5	1	—	—	—	4	12
Staircase Steps & Handrails .....	—	1	—	1	—	—	—	—	2
Back Boilers and Storage Tanks Renewed .....	2	4	1	—	2	2	—	7	18
Lighting to Foodstore Improved .....	—	—	—	—	—	—	1	—	1
Sink Waste Pipes Rep'd .....	2	4	4	2	2	—	2	2	18
Houses Cleansed .....	—	—	1	—	1	—	—	1	3
Smoke Nuisance dealt with .....	1	5	19	6	5	—	4	8	48
Sub-Floor Vent Increased .....	—	—	—	—	—	—	1	—	1
Dampness Excluded .....	28	70	150	64	18	16	30	50	426
Eaves, Gutters Repaired .....	2	34	61	35	5	4	10	13	164
Rain Water Pipes Rep'd .....	—	13	30	13	3	1	2	3	65
Roofs Repaired .....	9	23	55	36	3	3	13	14	156
Chimney Pots and Stacks Repaired .....	1	4	4	7	1	1	2	2	22
Brickwork and Pointing Repaired .....	1	2	11	3	—	1	2	5	25
Dustbins Renewed .....	9	28	36	42	16	18	50	79	278
Drains Cleansed .....	41	65	117	201	132	104	83	158	901
Drains Repaired .....	2	9	10	7	1	5	1	3	38
Inspection Chamber Cov- ers Renewed .....	1	5	3	3	1	2	—	1	16
Inspection Chamber Brickwork & Point- ing Renewed .....	—	2	5	1	—	—	4	1	13
W.C. Pedestals Renewed .....	4	3	5	2	—	—	1	2	17
W.C. Seats Renewed .....	—	3	5	4	1	—	1	—	14
W.C. Cisterns Renewed .....	1	13	11	5	1	—	4	2	37
W.C. Wallplaster Ren'd .....	1	2	3	1	—	—	—	—	7
W.C.'s Cleaned .....	—	—	7	1	—	—	1	—	9
Additional W.C.'s Con- structed .....	—	—	—	—	—	—	1	—	1
Yard Paving Repaired .....	6	4	4	2	—	—	—	3	19
Offensive Accum. Removed Nuisance from Animals Abated .....	—	—	8	—	—	—	—	6	14
Water Pipes Repaired .....	2	6	10	1	—	—	3	5	27
TOTALS	115	333	639	476	199	161	222	404	2549

## CARCASSES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed .....	.....	.....	.....	.....	.....
Number inspected .....	.....	.....	.....	.....	.....
<i>All diseases except Tuberculosis:</i>					
Whole carcasses condemned .....	.....	.....	.....	.....	.....
Carcases of which some part or organ was condemned .....	.....	.....	.....	.....	.....
Percentage of the number inspected affected with disease other than tuberculosis .....	.....	.....	.....	.....	.....
<i>Tuberculosis Only:</i>					
Whole carcasses condemned .....	.....	.....	.....	.....	.....
Carcases of which some part or organ was condemned .....	.....	.....	.....	.....	.....
Percentage of the number inspected affected with tuberculosis .....	.....	.....	.....	.....	.....

In addition 1825 Pigs have been killed in private premises.

# ANIMALS SLAUGHTERED.

The following table gives the number of animals slaughtered during 1949.

	Beast				Private Pigs				Brought into Abattoir for Inspection		
	Cows		Calves		Private Slaughter Houses	Back Yards		Allotments	Beast	Sheep	Pigs Calves
January	56	75	41	749	37	6	74	171	—	4	—
February	73	36	20	572	39	3	56	97	—	9	—
March	84	35	9	763	67	4	49	75	1	1	1
April	121	28	2	479	47	—	2	3	—	1	—
May	200	37	3	441	139	—	—	—	—	—	—
June	87	34	6	396	96	—	—	—	—	1	—
July	181	46	3	400	84	—	—	—	—	—	—
August	276	135	20	518	146	—	—	—	—	—	—
September	231	94	10	544	125	—	—	—	1	6	—
October	267	172	351	1532	126	—	—	—	—	8	—
November	239	185	200	2197	72	3	20	96	—	5	—
December	138	188	21	1550	89	24	114	475	1	4	—
TOTALS	1953	1065	686	10141	1067	10	315	917	3	5	1
								1825			

# UNFIT MEAT SURRENDERED.

The following table gives the amount of Meat surrendered after examination.  
It is set out in Month order and gives the weight in lbs. and disease or cause of its unfitness.

	Tuberculosis	Actinomycosis	Erysipelas	Moribund	Cirrhosis and Flukes	Abscesses	Bruising	Jaundice	Emaciation	Dropsy	Pyæmia	Cavernous Angioma	Septic Metritis	Urticaria	Septicæmia	Mammitis	Pneumonia	Septic Mastitis	Septic Peritonitis	Cysticercus Bovis	Septic Pericarditis	Immaturity	Degeneration	Fatty	Fevered	T. c. q. lb.
Jan.	7332	—	—	—	546	25	163	—	119	—	—	—	600	—	—	414	—	639	—	—	—	—	—	—	—	4 7 3 10
Feb.	5906	36	—	50	319	162	75	—	58	151	89	—	—	36	767	265	43	—	—	—	—	—	—	—	—	3 11 0 5
Mar.	4603	38	—	130	341	178	12	—	—	767	42	—	85	—	—	15	21	—	89	—	—	—	—	—	—	2 16 1 21
April	3270	82	—	—	855	57	713	20	—	44	—	13	—	—	—	49	127	—	—	—	—	—	—	—	—	2 6 2 22
May	10985	150	209	—	1419	134	10	—	—	248	43	160	72	45	18	74	335	—	—	110	70	—	—	—	—	6 5 2 26
June	3209	88	339	—	617	30	125	—	—	64	—	16	—	18	—	206	217	—	—	36	86	—	—	—	—	2 5 0 11
July	9211	87	466	—	820	159	159	—	—	49	—	46	—	22	548	81	181	—	—	—	—	43	—	—	—	5 6 0 0
Aug.	11344	290	282	—	2065	199	208	—	—	—	—	226	—	91	576	248	349	—	95	140	—	—	—	—	—	7 3 3 13
Sept.	10575	40	532	1365	1876	211	59	262	—	—	—	90	614	—	495	262	112	—	—	271	—	—	—	—	—	7 9 2 20
Oct.	13039	150	1260	68	1729	305	346	156	—	186	—	92	—	—	—	519	746	—	—	125	—	—	44	—	—	8 7 2 5
Nov.	13125	72	335	140	2156	302	174	—	—	676	—	66	—	48	—	784	240	—	—	—	—	—	—	66	—	8 2 3 6
Dec.	9924	88	276	196	1661	163	303	—	—	1188	—	104	—	—	—	697	246	—	—	—	—	—	—	—	—	6 12 2 6
	102523	1121	3749	1949	14404	1925	2347	438	177	3373	174	813	1371	260	2404	3614	2617	639	184	682	156	43	44	66	64	15 1 5

# OTHER FOOD SURRENDERED.

					T.	c.	q.	lb.
Tinned Foods (blown)	.....	.....	.....	.....	1	2	3	10
Wet Fish (decomposing)	.....	.....	.....	.....	13	2	7	
Cereals (mouldy)	.....	.....	.....	.....	10	5	18	
Sausages (mouldy)	.....	.....	.....	.....	2	0	27	
Potatoes (mouldy)	.....	.....	.....	.....	7	0	0	
Green Vegetables (mouldy)	.....	.....	.....	.....	8	0	4	
Egg Pulp (decomposing)	.....	.....	.....	.....	6	3	0	
Miscellaneous	.....	.....	.....	.....	3	1	4	
					<hr/>			
					3	15	0	14
					<hr/>			

# PUBLIC CONVENIENCES.

The following is a statement showing the income from the various conveniences for 1949.

Convenience	No. of persons using W.C.	Receipts		No. of persons using wash-up	Receipts		No. of persons using weighing machine	40% Total Receipts		Total Receipts	
		£	s. d.		£	s. d.		£	s. d.	£	s. d.
Market Hill (Ladies) .....	71,944	299	15 4	2,321	29	0 3	1,481	6	3 5	334	19 0
Market Hill (Gents.) .....	20,142	83	18 6	—	—	—	6,365	26	10 5	110	8 11
Britannia Corner (Ladies)	101,782	424	1 10	1,153	14	8 3	4,166	17	7 2	455	17 3
Britannia Corner (Gents.)	30,244	126	0 4	2,309	28	17 3	22,271	92	15 11	247	13 6
Cole Street (Ladies) .....	3,465	14	8 9	—	—	—	—	—	—	14	8 9
Cole Street (Gents.) .....	3,428	14	5 8	—	—	—	1,814	7	11 2	21	16 10
Furnace Arms (Gents.) .....	2,664	11	2 0	—	—	—	—	—	—	11	2 0
	233,669	973	12 5	5,783	72	5 9	36,097	150	8 1	1196	6 3







